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PHOTOGRAPHIC INTERPRETATION REPORT

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POL STORAGE FACILITIES IN NORTH KOREA

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POL STORAGE FACILITIES IN NORTH KOREA

ABSTRACT

This report describes features common to seven rail-served, possibly regional POL storage facilities which have been identified in North Korea. A map which shows the locations of the facilities, a table listing the facilities, two photographs, and a line drawing of a typical cradle unit and an individual tank cradle are included in the report.

BASIC DESCRIPTION

The seven POL storage facilities are in or near strategic complexes (Figure 1). Each is served by a rail spur extending from one of the major rail lines linking facilities on both coasts, the demilitarized zone, and the Sino-Korean border.

The POL facilities consist of permanent cradle units normally constructed in ten-tank units* with the individual tanks supported by four concrete cradles (Figures 2 and 3). Most of these units are exposed; however, earth-covered units (Figure 4) are observed at three facilities. Ventilators are observed along the top of the earth-covered units. Small pumping facilities are near the rail spur and ground scar signatures of probable transfer lines extending to the units are also observed.

The locations of these POL facilities suggest a regional function and provide North Korea with a capability for rapidly resupplying its field-deployed POL storage facilities, as well as possibly resupplying its airfields and major ground force units.

*Manpo-up POL Storage has three five-tank units.

TABLE 1. POL Storage Facilities, North Korea (Keyed to Figure 1)

ITEM NUMBER	INSTALLATION NAME	GEOGRAPHIC COORDINATES	MAX. POSS. NUMBER OF TANKS
1	Chongjin POL Storage Area North*	41-49-43N 129-46-31E	90
2	Manpo-up POL Storage*	41-07-41N 126-15-06E	85
3	Sinpo Petroleum Products Storage*	40-01-30N 128-10-12E	60
4	Hamhung Petroleum Products Storage (Figure 4)	39-56-33N 127-33-17E	140
5	Wonsan POL Storage Area	39-09-12N 127-28-02E	70
6	Pyongyang Petroleum Products Storage (Figure 2)	39-01-40N 125-42-40E	150
7	Kaesong Petroleum Products Storage PUG West	37-58-00N 126-28-30E	50

*Bunkered units

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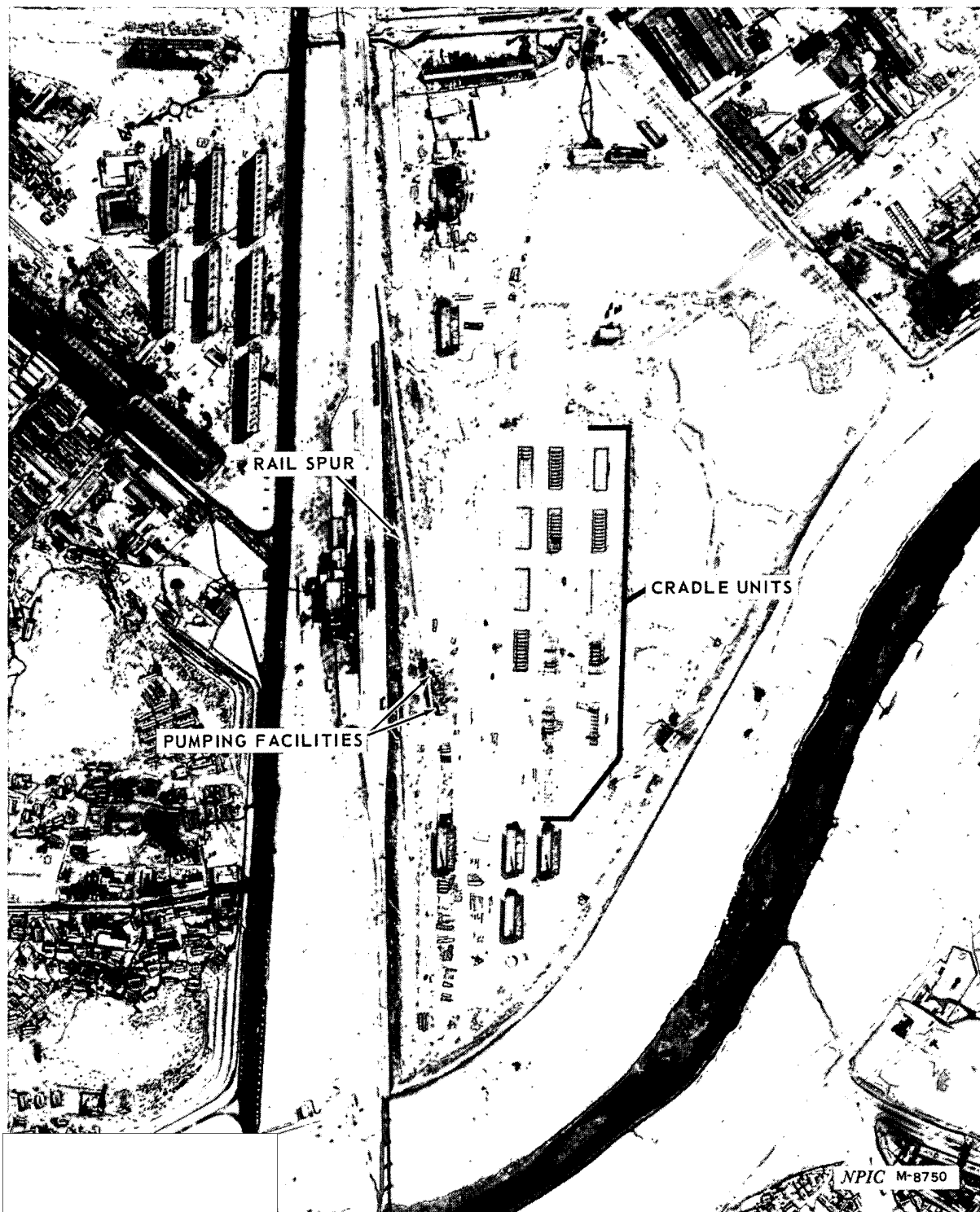
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FIGURE 2. POL TANKS, PYONGYANG PETROLEUM PRODUCTS STORAGE, NORTH KOREA

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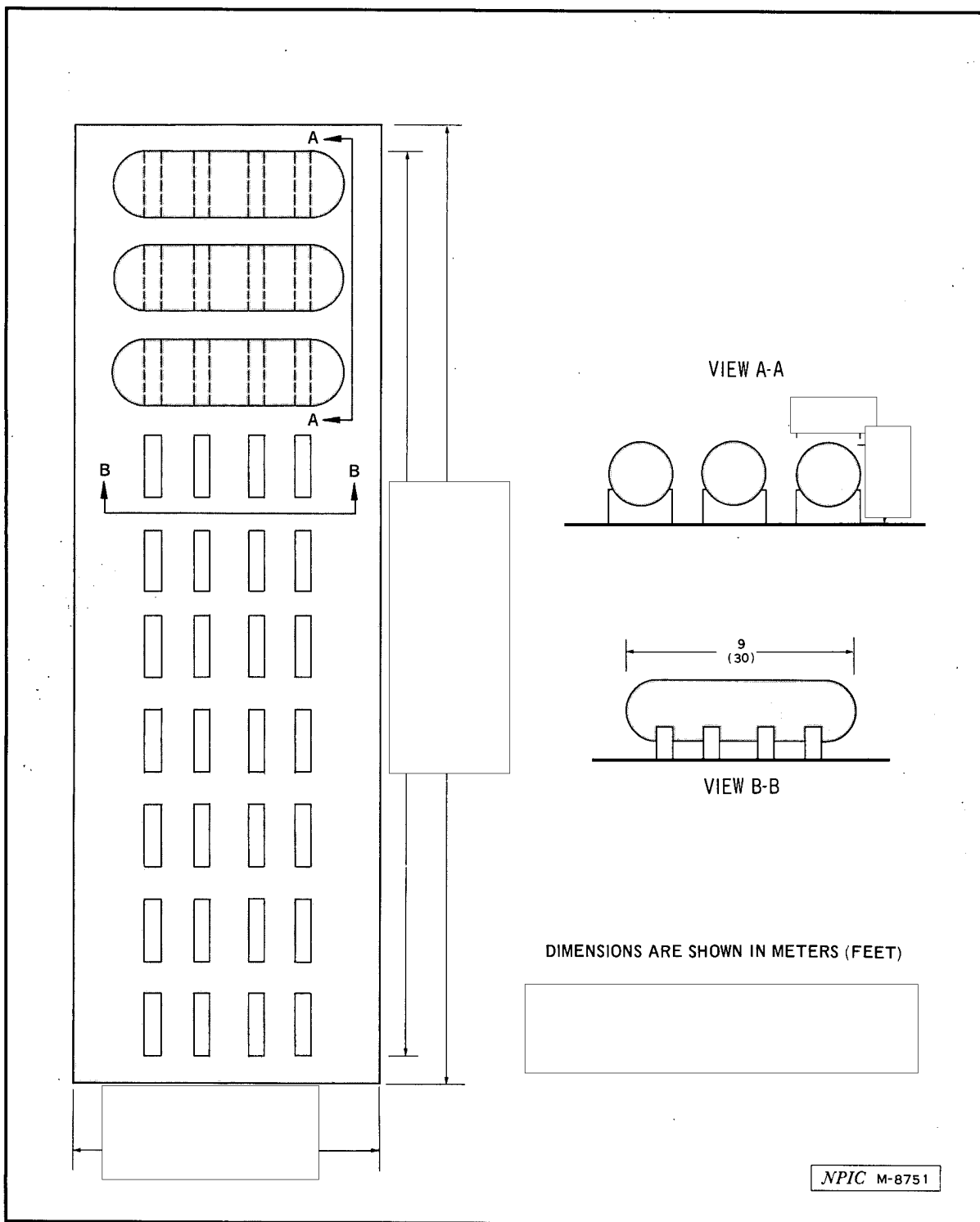
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FIGURE 3. LINE DRAWING OF TYPICAL CRADLE UNIT AND TANK CRADLE

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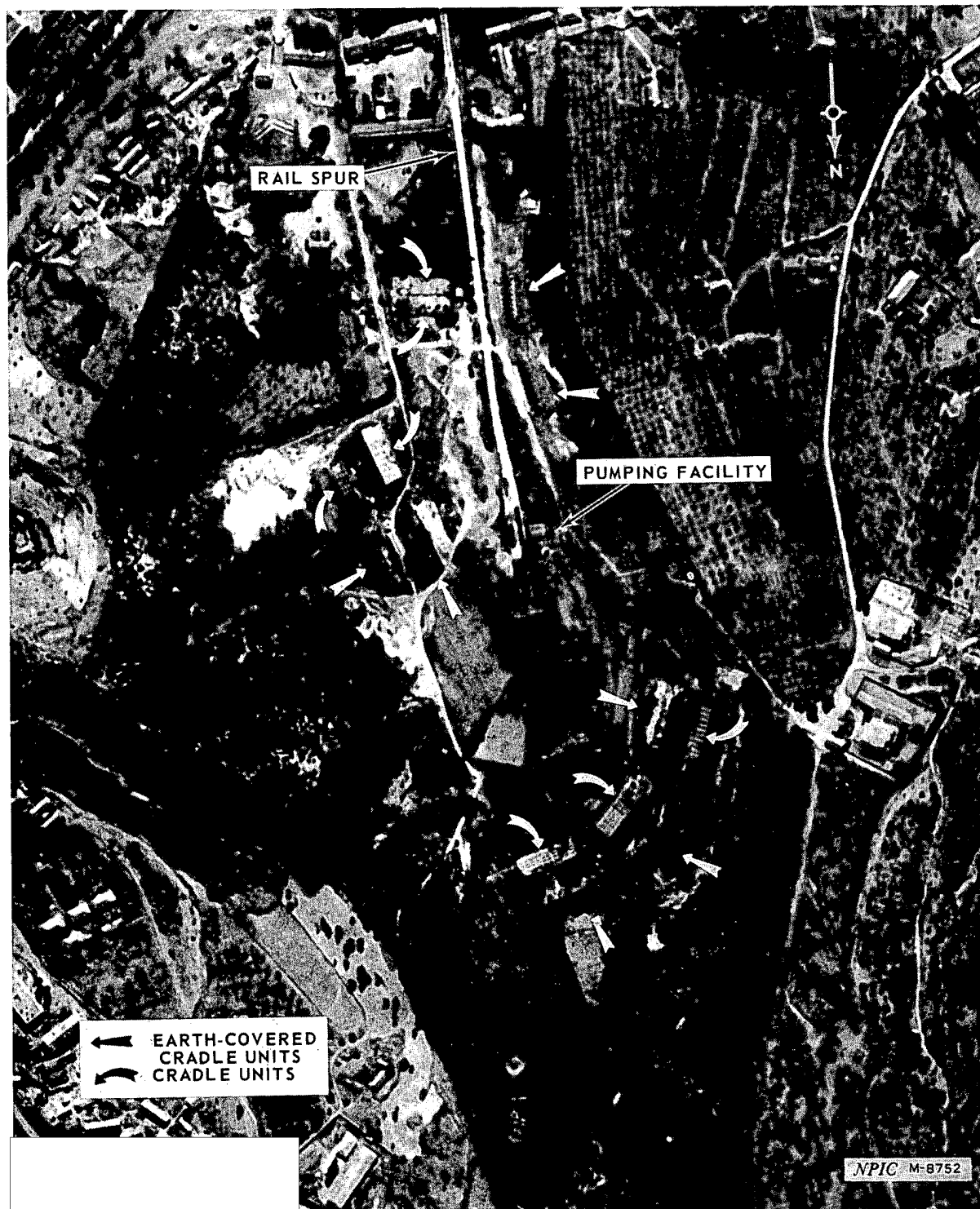
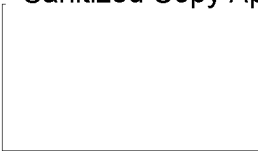


FIGURE 4. CRADLE UNITS, HAMHUNG PETROLEUM PRODUCTS STORAGE, NORTH KOREA

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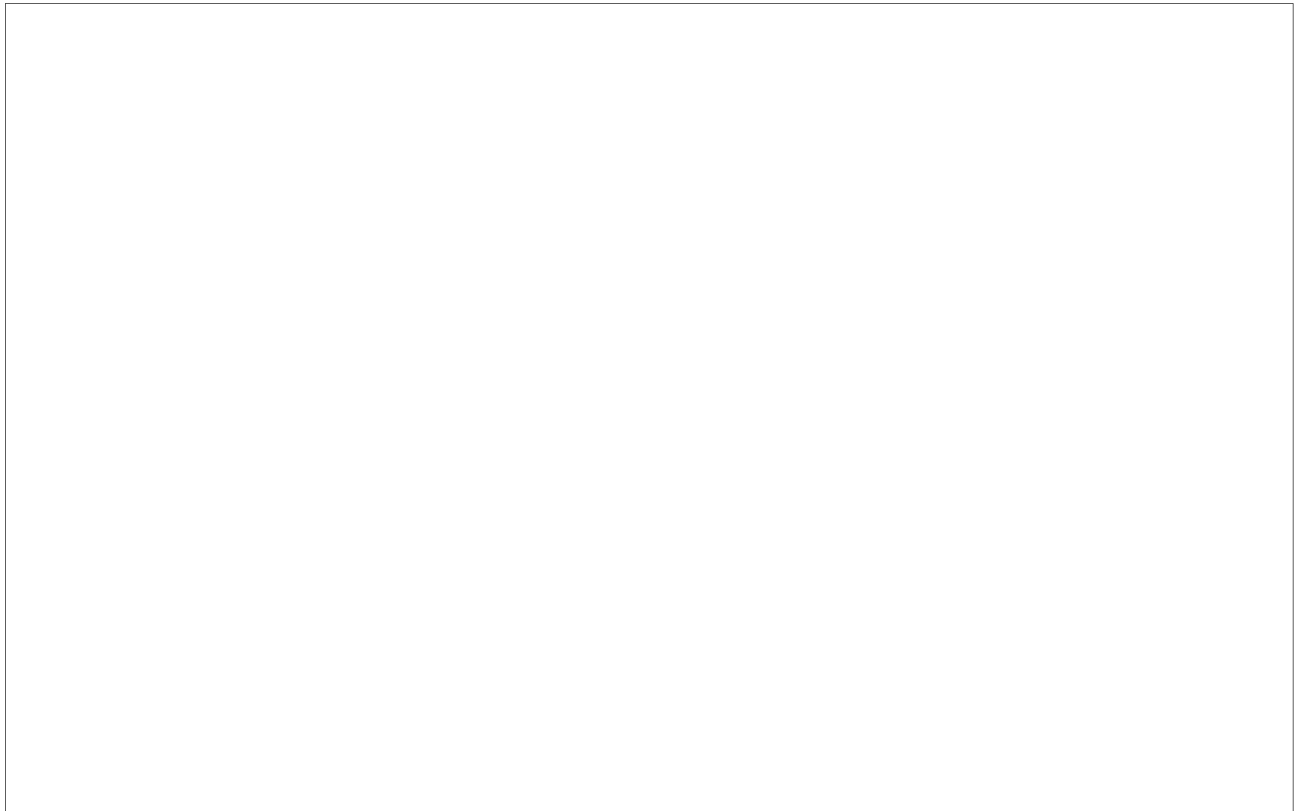
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